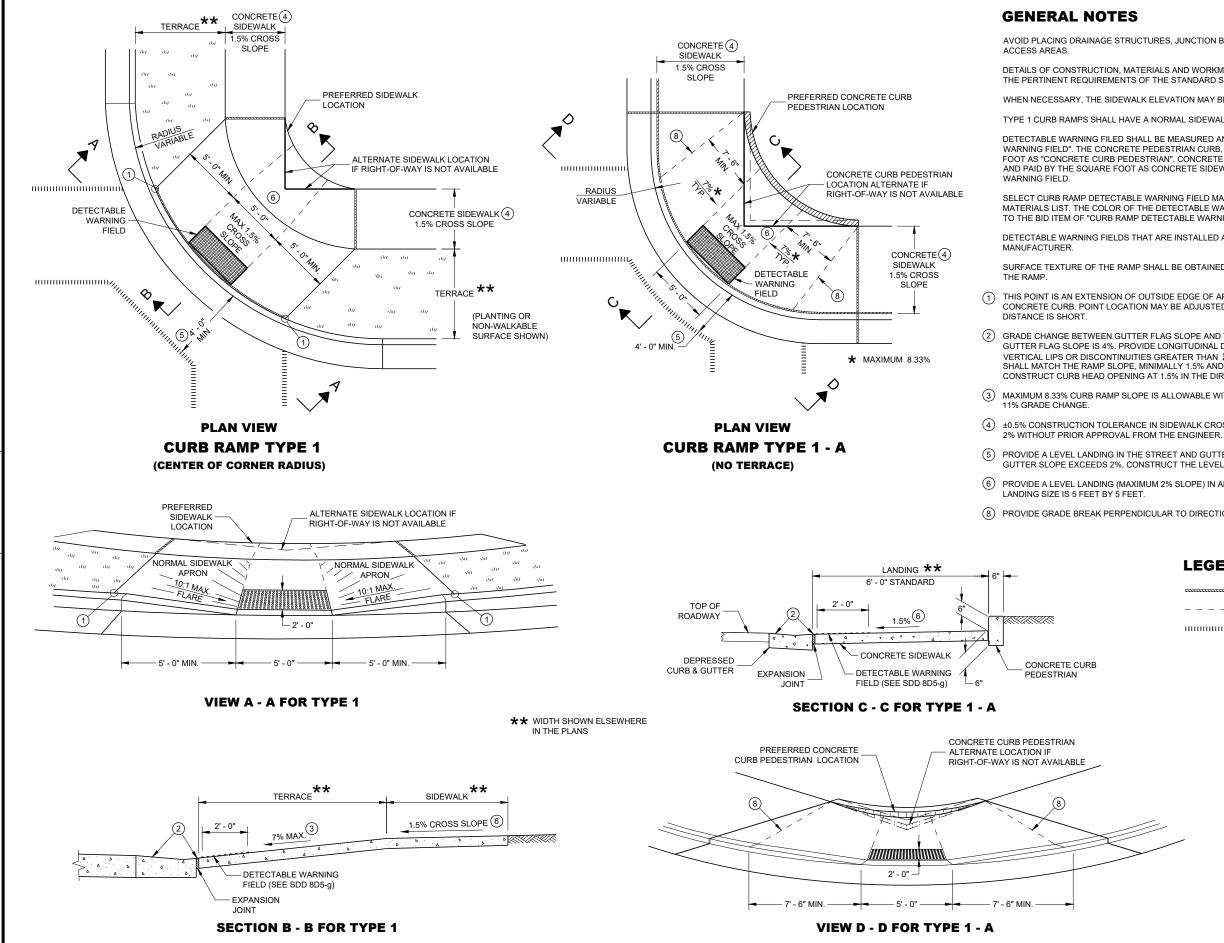
SDD 08D05-a: Curb Ramps Types 1 and 1-A



6

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF

THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL

LEGEND

 $\frac{1}{2}$ " EXPANSION JOINT SIDEWALK
 CONTRACTION JOINT FIELD LOCATED
 PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 6

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
602.0505	Curb Ramp Detectable Warning Field Yellow	SF
602.0510	Curb Ramp Detectable Warning Field White	SF
602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF
602.0405	Concrete Sidewalk 4"	SF
602.0410	Concrete Sidewalk 5"	SF
602.0415	Concrete Sidewalk 6"	SF
602.0420	Concrete Sidewalk 7"	SF
646.0113 - 0119	Pavement Marking (material) 6-Inch	LF
647.0763 - 0769	Pavement Marking Crosswalk (material) 6-Inch	
647.0773 - 0779	Pavement Marking Crosswalk (material) 12-Inch	LF
647.0783 - 0789	Pavement Marking Crosswalk (material) 18-Inch	LF
647.0793 - 0799	Pavement Marking Crosswalk (material) 24-Inch	LF

Standardized Special Provisions associated with this drawing:

NONE

Other SDDs associated with this drawing:

<u>500 805</u>	Curb Ramps sneets b, c, d, e, r and g are required.
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required when this drawing is called for in the plans.

Design Notes:

The Type 3 should be used only when there may be utilities or other fixed objects in the way of the curb ramp installation and cannot be relocated.

If other ramp types are not technically feasible, Type 1 and 1-A curb ramps may be constructed per <u>FDM 11-46-10.2</u>. If Type 1-A curb ramps are constructed within constrained site locations, the landing width may be reduced to 5 feet.

These SDDs may not satisfy all field conditions. Develop special details showing elevations or other layout considerations.

Curk Devene about "h" "a" "d" "a" "f" and "a" are required

The Product Acceptable List (PAL) has only cast-iron products for the Detectable Warning Field (DWF). The typical size of DWF panel in cast iron is 2 ft x 2 ft. Other cast iron panel sizes available include 2 ft x 1 ft, 2 ft x 1.5 ft, 2 ft x 2.5 ft, and 2 ft x 3 ft.

For the development of radial detectable warning fields (DWFs), radial plates are available from manufacturers listed on the PAL. Some manufacturers have also developed radial/rectangular plate combinations to form a prescribed radius.

Refer to <u>FDM 11-46-10.2</u> and sheets "b", "c", "d", "f" and "g" of SDD 8D5 for further guidance when to apply rectangular or radial DWFs at curb ramps and for DWF plan layouts. Grade break distances greater than 5 feet will require radial DWFs. When radial DWFs are required, include back of curb radius, curb ramp landing length 'XR' (i.e. grade break distance), radial warning field area and radial long chord dimension in contract plans.

Cover the entire curb ramp width (excluding concrete flares) with detectable warning fields. Do not leave gaps between adjacent warning plates.

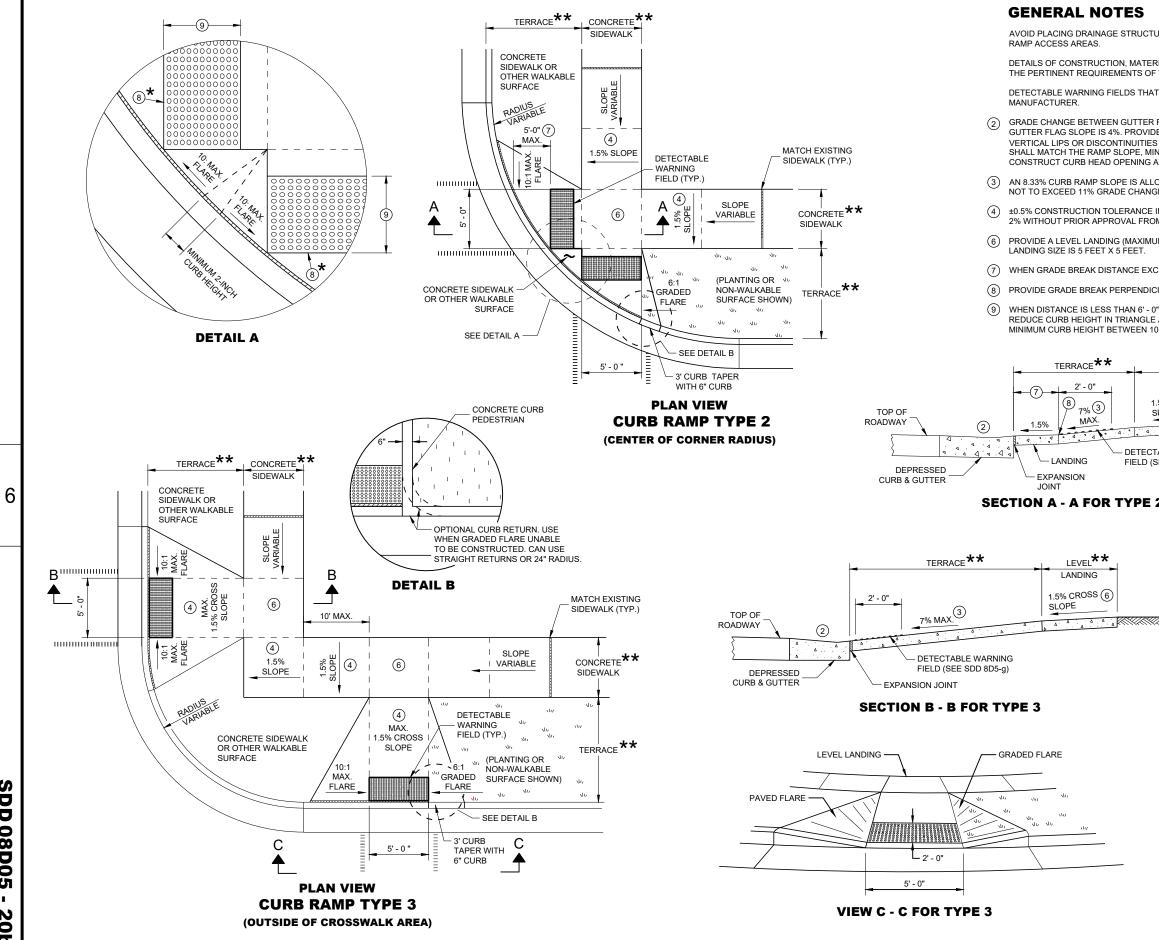
The Detectable Warning Field shall be installed in plastic concrete. The area under the Detectable Warning Field is paid as concrete sidewalk. Do not install the Detectable Warning Field in or on asphaltic pavement.

Do not install drainage grates in the path of curb ramp or sidewalk users. Slope the gutter pan so the curb ramp area will drain away from the pedestrian crossing.

The yellow border pavement marking is not required with the use of the Detectable Warning Field. See SDD 8D5-sheet b for Curb Ramp pay items used for restriping of curb ramp markings.

Contact Person:

SDD 08D05-b Curb Ramps Types 2 and 3



SDD 08D05 20b

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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Curb Ramps Types 2 and 3

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
See Sheet "a".		

Standardized Special Provisions associated with this drawing:

See Sheet "a".

Other SDDs associated with this drawing:

<u>SDD 8D5</u>	Curb Ramps sheet "a", "c", "d", "e", "f" and "g" are required.
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required.

Design Notes:

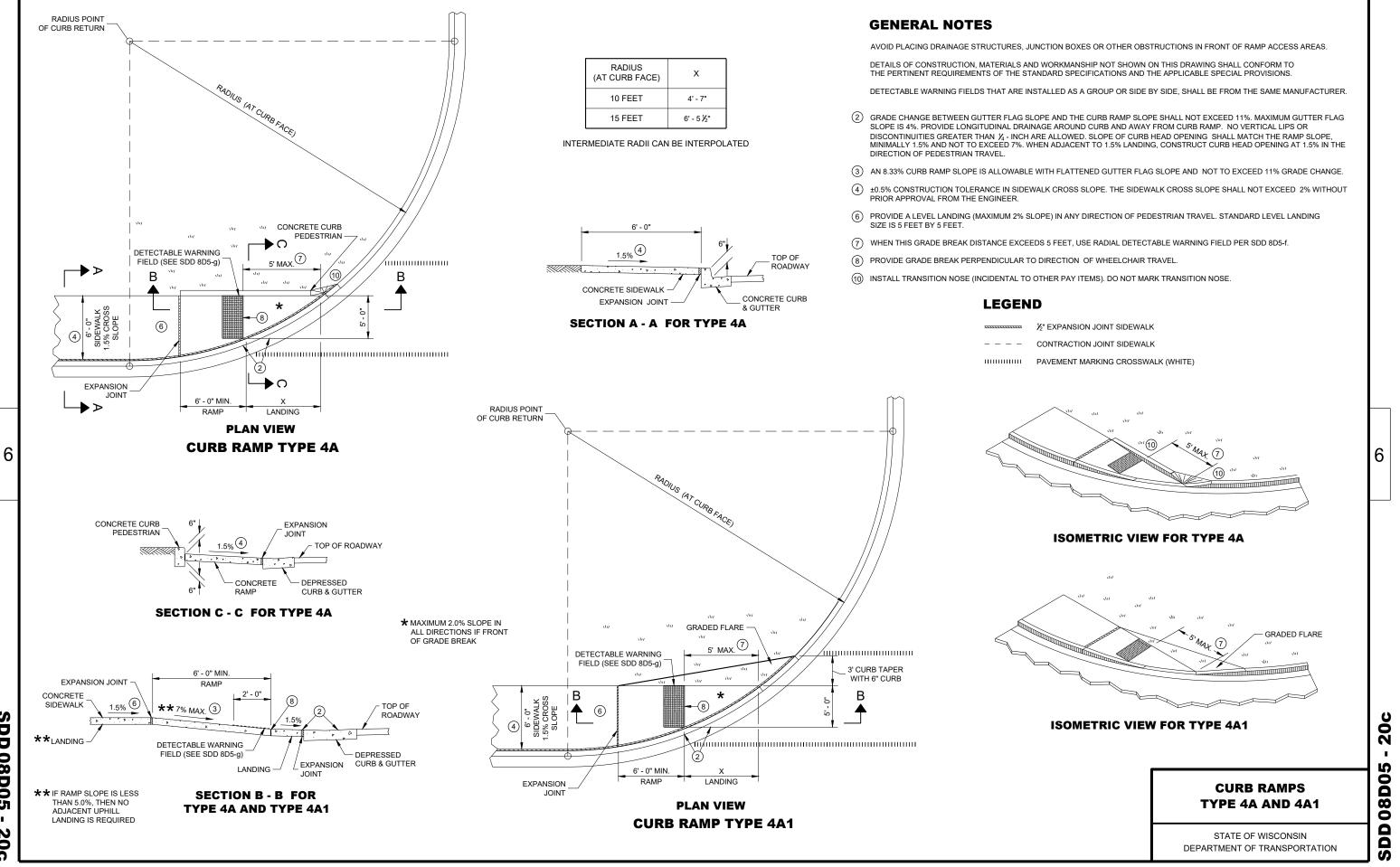
See Sheet "a".

Curb Ramp pay items used for restriping of curb ramp markings are as follows (do not use these pavement markings when using Curb Ramp Detectable Warning Fields):

1.	647.0503	Pavement Marking Curb Ramp Paint
2.	647.0506	Pavement Marking Curb Ramp Epoxy
3.	647.0509	Pavement Marking Curb Ramp Preformed Plastic

Contact Person:

SDD 08D05-c Curb Ramps Types 4A and 4A1



References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
See Sheet "a". 620.0300	Concrete Median Sloped Nose	SF

Standardized Special Provisions associated with this drawing:

See Sheet 'a'.

Other SDDs associated with this drawing:

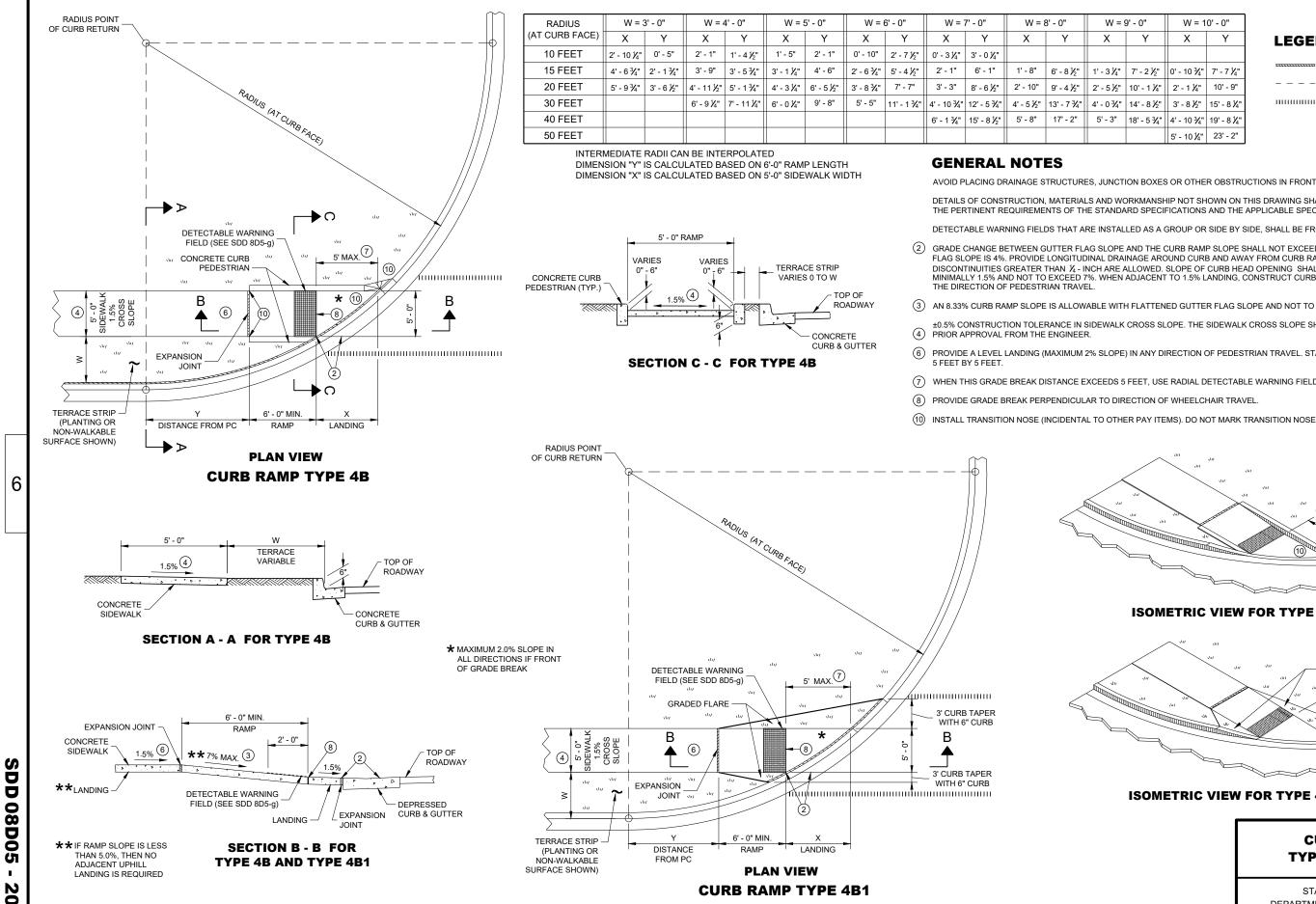
<u>SDD 8D5</u>	Curb Ramps sheet "a" "b" "d" "e", "f" and "g" are required.
<u>SDD 11B2</u>	Concrete Median Nose is required
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required.

Design Notes:

See Sheet 'a'.

Contact Person:

SDD 08D05-d: Curb Ramps Types 4B and 4B1



20d

9' - 0"	W = 10' - 0"	
Y	Х	Y
7' - 2 1⁄2"	0' - 10 ¾"	7' - 7 1⁄4"
10' - 1 ¼"	2' - 1 ¼"	10' - 9"
14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
18' - 5 ¾"	4' - 10 ¾"	19' - 8 ¼"
	5' - 10 ¼"	23' - 2"
	7' - 2 ½" 10' - 1 ¼" 14' - 8 ½"	Y X 7' - 2 ½" 0' - 10 ¾" 10' - 1 ¼" 2' - 1 ¼" 14' - 8 ½" 3' - 8 ½" 18' - 5 ¾" 4' - 10 ¾"

W :

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LEGEND

 $\frac{1}{2}$ " EXPANSION JOINT SIDEWALK
 CONTRACTION JOINT SIDEWALK
 PAVEMENT MARKING CROSSWALK (WHITE)

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SDD

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

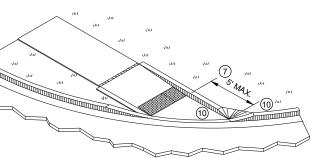
(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

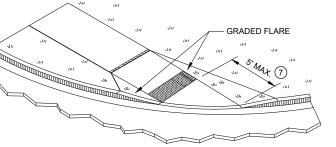
±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT

PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Standard Detail Drawing 8D5 (sheet d)

Curb Ramps Type 4B and 4B1

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
See Sheet "a".		
620.0300	Concrete Median Sloped Nose	SF

Standardized Special Provisions associated with this drawing:

See Sheet a.

Other SDDs associated with this drawing:

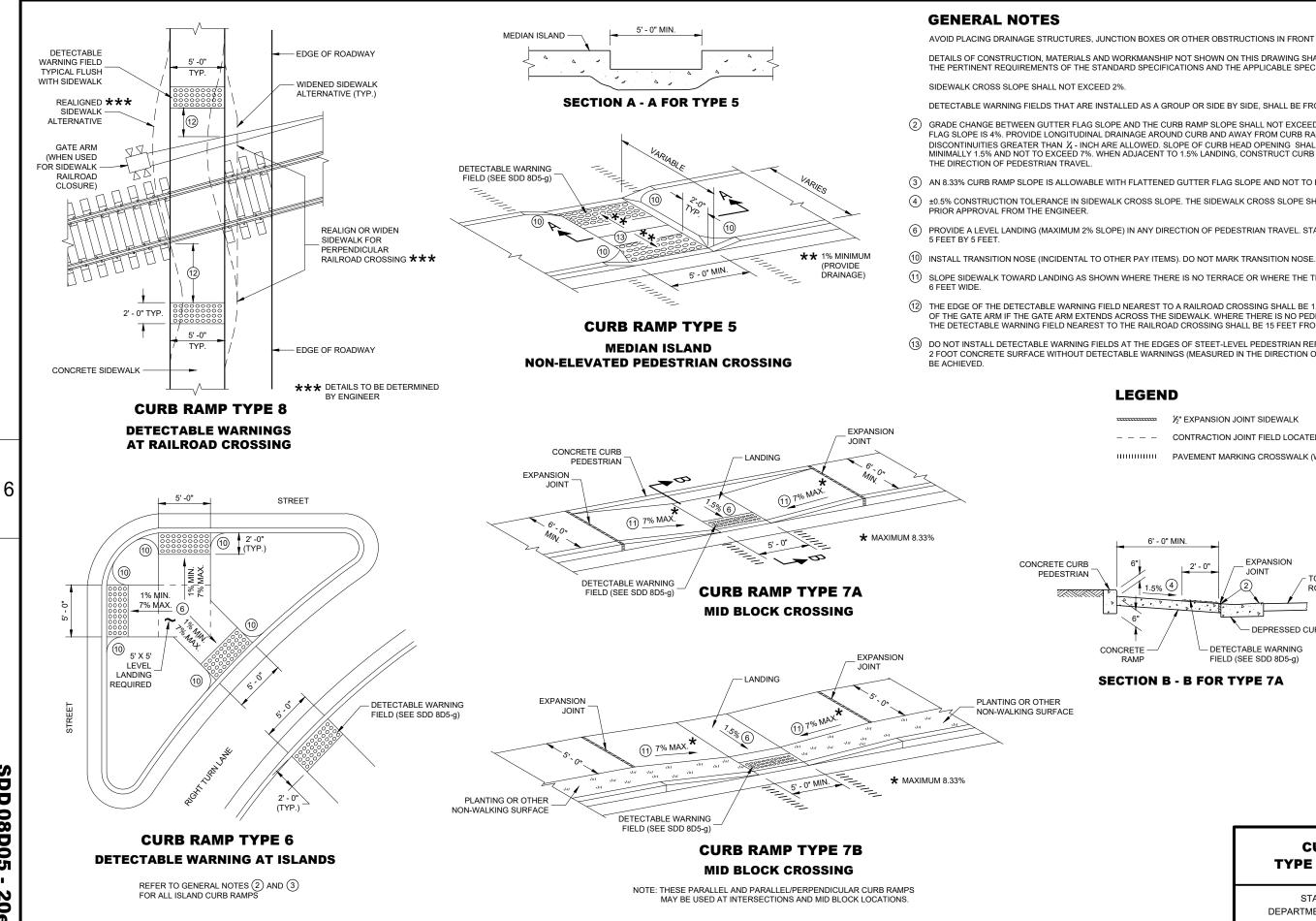
<u>SDD 8D5</u>	Curb Ramps sheet "a", "b", "c", "e", "f" and "g" are required.
<u>SDD 11B2</u>	Concrete Median Nose is required.
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required.

Design Notes:

See Sheet "a".

Contact Person:

SDD 08D05-e: Curb Ramps Types 5, 6, 7A, 7B and 8



SDD 08D05 N 0 0

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER. (2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%, PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN $\frac{1}{4}$ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN (3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE. (4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT (6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET. (1) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN (12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL (13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT LEGEND ½" EXPANSION JOINT SIDEWALK CONTRACTION JOINT FIELD LOCATED PAVEMENT MARKING CROSSWALK (WHITE) 6 6' - 0" MIN EXPANSION JOINT TOP OF 1.5% (4) ROADWAY DEPRESSED CURB & GUTTER - DETECTABLE WARNING FIELD (SEE SDD 8D5-g) RAMP **SECTION B - B FOR TYPE 7A** 20 20 . S 08D0 **CURB RAMPS TYPE 5, 6, 7A, 7B & 8** STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION ົດ

Standard Detail Drawing 8D5 (sheet e)

Curb Ramps Type 5, 6, 7A, 7B & 8

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
See Sheet 'a'.		
620.0300	Concrete Median Sloped Nose	LF

Standardized Special Provisions associated with this drawing:

See Sheet 'a'.

Other SDDs associated with this drawing:

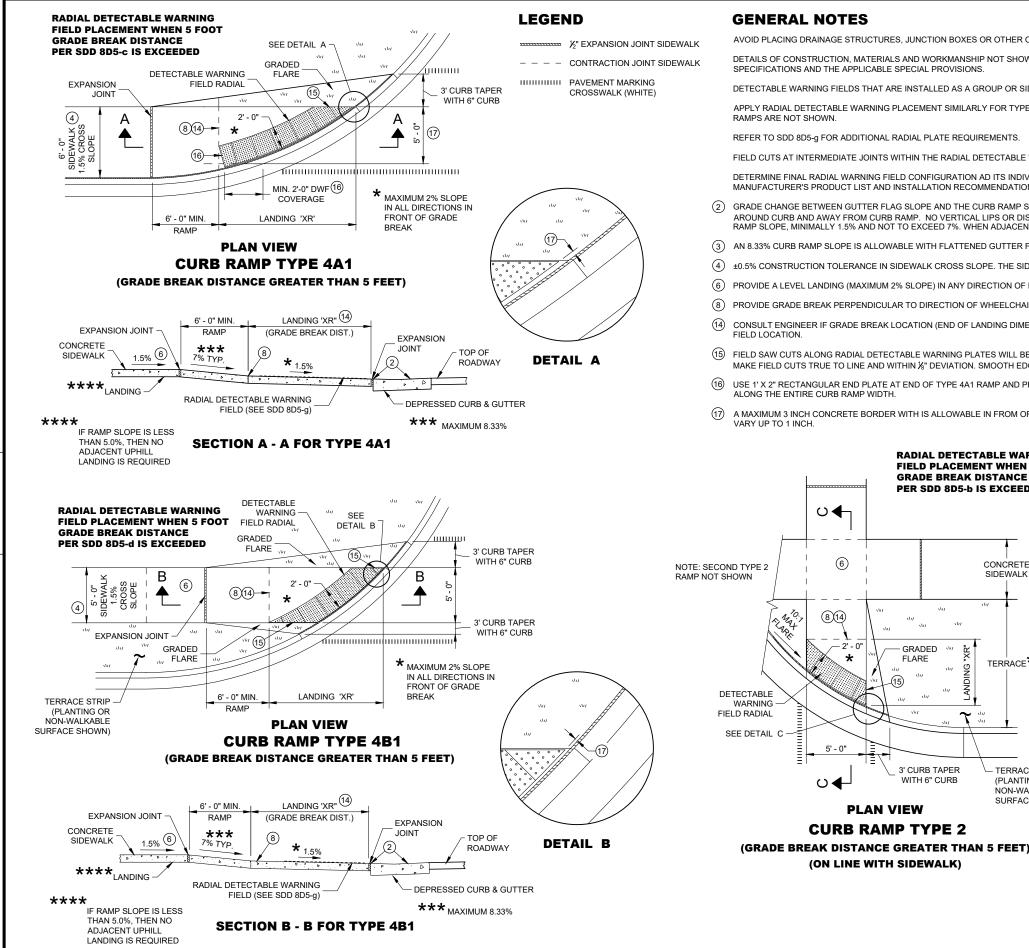
<u>SDD 8D5</u>	Curb Ramps sheet "a", "b", "c", "d", "f" and "g" are required.
<u>SDD 11B2</u>	Concrete Median Nose is required.
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required.

Design Notes:

See Sheet "a".

Contact Person:

SDD 08D05-f Curb Ramps Radial Detectable Warning Field Applications



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GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS

- GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/2 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL
- (3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- (4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL

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5' - 0"

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2' - 0

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- (1) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION
- FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/4" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
- USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH
- A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH

GRADED

3' CURB TAPER

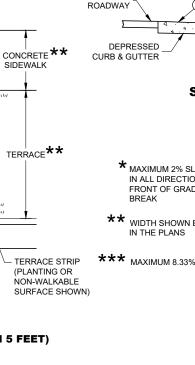
WITH 6" CURB

FLARE

RADIAL DETECTABLE WARNING

PER SDD 8D5-b IS EXCEEDED

FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE

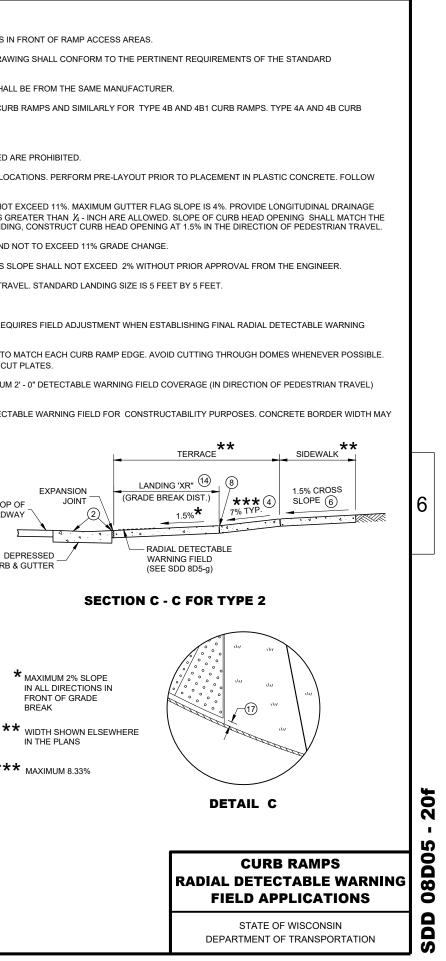


TOP OF

(ON LINE WITH SIDEWALK)

PLAN VIEW

CURB RAMP TYPE 2



Standard Detail Drawing 8D5 (sheet f)

Curb Ramps Radial Detectable Warning Field Applications

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
601.0600	Concrete Curb Pedestrian	LF
602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF
602.0610	Curb Ramp Detectable Warning Field Radial White	SF
602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF
See Sheet 'a' except exclude item numbers 602.0505, 602.0510 and 602.0515. The radial DWF bid items replaces these bid items.		
620.0300	Concrete Median Sloped Nose	LF

Standardized Special Provisions associated with this drawing:

See Sheet 'a'.

Other SDDs associated with this drawing:

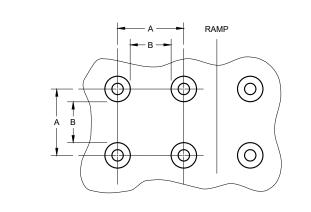
<u>SDD 8D5</u>	Curb Ramps sheet "a", "b", "c", "d", "e" and "g" are required.
<u>SDD 11B2</u>	Concrete Median Nose is required.
<u>SDD 15C33</u>	Stop Line and Crosswalk Pavement Marking is required.

Design Notes:

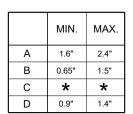
See Sheet "a".

Contact Person:

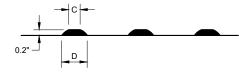
SDD 08D05-g: Curb Ramps Rectangular and Radial Detectable Warning Plates







★ THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

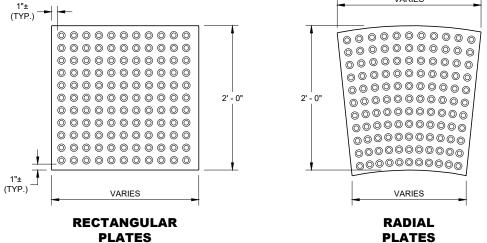


ELEVATION VIEW





VARIES







DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

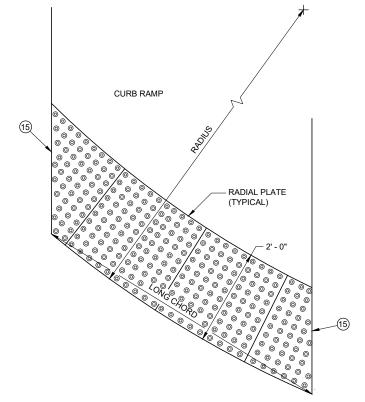
TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

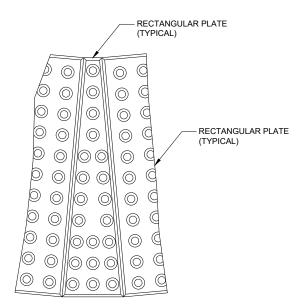
DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ½" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW RADIAL DETECTABLE WARNING FIELD ATTRIBUTES

- DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS, PERFORM PRE-LAYOUT PRIOR
- FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION



PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE

/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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Standard Detail Drawing 8D5 (sheet g)

Curb Ramps Rectangular and Radial Detectable Warning Plates

References:

FDM 11-20-1 FDM 11-46-10

Bid items associated with this drawing:

ITEM NUMBER	DESCRIPTION	<u>UNIT</u>
602.0505	Curb Ramp Detectable Warning Field Yellow	SF
602.0510	Curb Ramp Detectable Warning Field White	SF
602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF
602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF
602.0610	Curb Ramp Detectable Warning Field Radial White	SF
602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF

Standardized Special Provisions associated with this drawing:

See Sheet 'a'.

Other SDDs associated with this drawing:

<u>SDD 8D5</u> Curb Ramps sheet "a", "b", "c", "d", "e" and "f" are required.

Design Notes:

See Sheet "a".

Contact Person: